

II. CLAIM AMENDMENTS

1. (Currently Amended) A method of operating electric circuitry included in an exchangeable cover part for supporting a user interface of a wireless terminal, said wireless communication terminal and said user exchangeable cover part are electrically interconnected by means of an electrical connector having a plurality of pins, said method comprises:

identifying a type of said user exchangeable cover part;

operating at least one of said connector pins in an identification state for sensing a value included in ~~an-a~~ cover type indicator, wherein the at least one of said connector pins operating in an identification state is a bi-directional and bi-mode signal pin; and afterwards

operating at least one of the connector pins in an operation state for operating the electric circuitry of said user exchangeable cover part; and

enabling user defined mapping of a set of tones and/or sound effects to one or more keys connected to said electric circuitry of said user exchangeable cover and wherein said keys are configured to create sound comprising music composing applications, sound creating applications, system sound creation, sending sounds with multimedia messaging service or any combination thereof.

2. (Original) A method according to claim 1, wherein said value is a resistor value included in the cover type indicator.

3. (Previously Presented) A method according to claim 2, wherein the operation state is a frequency mode for directing an electrical representation of a ringing signal to the electric circuitry for providing an illumination effect following the ringing signal.

4. (Currently Amended) A wireless communication terminal having a user exchangeable cover part, wherein the wireless communication terminal and user exchangeable cover part are electronically interconnected by means of an electrical connector;

said user exchangeable cover part comprises cover type indicator;

said user exchangeable cover part including an electric circuitry for supporting a user interface of said wireless terminal;

said connector includes a plurality of connector pins, where at least one of said connector pins is configured to allow said wireless terminal to operate said user exchangeable cover in an identification state for sensing a value included in the cover type indicator, wherein the at least one of said connector pins operating in an identification state is a bi-directional and bi-mode signal pin, and afterwards in an operation state for operating the electric circuitry of said user exchangeable cover part; and

said user exchangeable cover part comprises one or more keys connected to said electric circuitry of said user exchangeable cover and configured to be mapped, as defined by a user, to a set of tones and/or sound effects wherein said keys are configured to create sound comprising music composing applications, sound creating applications, system sound creation, sending sounds with multimedia messaging service or any combination thereof.

5. (Original) A wireless communication terminal according to claim 4, wherein said connector pins are arranged in line in an equal distance.

6. (Previously Presented) A wireless communication terminal according to claim 5, wherein the connector pins are arranged at a rear side of the cover part.

7. (Original) A wireless communication terminal according to claim 6, wherein the number of connector pins is three.

8. (Original) A wireless communication terminal according to claim 6, wherein the number of connector pins is five.

9. (Original) A wireless communication terminal according to claim 5, wherein said value is a resistor value included in the cover type indicator.

10. (Original) A wireless communication terminal according to claim 6, wherein the operation state is a frequency mode for directing an electrical representation of a ringing signal to the electric circuitry for providing an illumination effect synchronised with the ringing signal.

11. (Previously Presented) A wireless communication terminal according to claim 4, wherein said set of tones and/or sound effects comprise music instrument digital interface tones.

12. (Cancelled)

13. (Currently Amended) A user exchangeable cover part for releasable attachment to a wireless communication terminal, wherein the user exchangeable cover part and wireless communication terminal in attached position are electrically interconnected by means of an electrical connector, wherein

said user exchangeable cover comprises cover type indicator;

said user exchangeable cover includes an electric circuitry for supporting a user interface of said wireless terminal; and

said user exchangeable cover part comprises one or more keys connected to said electric circuitry of said user exchangeable cover and configured to map to a set of tones and/or sound effects, the mapping being defined by a user; and

said connector includes a plurality of connector pins, where at least one of said connector pins is configured to allow said wireless terminal to operate said user exchangeable cover in an identification state for sensing a value included in the cover type indicator, wherein the at least one of said connector pins operating in an identification state is a bi-directional and bi-mode signal pin, and afterwards in an operation state for operating the electric circuitry of said user exchangeable cover part wherein said keys are configured to create sound comprising music composing applications, sound creating applications, system sound creation, sending sounds with multimedia messaging service or any combination thereof.

14. (Original) A user exchangeable cover part according to claim 13, wherein said set of tones and/or sound effects comprise music instrument digital interface tones.

15. (Cancelled)

16. (Previously Presented) A method according to claim 1 further comprising, running a program stored in a memory located in the user exchangeable cover part on a processor located in the user exchangeable cover part.
17. (Previously Presented) A wireless communication terminal according to claim 4 wherein the user exchangeable cover part further comprises a processor for running a program stored in a memory of the user exchangeable cover part.
18. (Previously Presented) A user exchangeable cover part according to claim 13 further comprising a processor for running a program stored in a memory of the user exchangeable cover part.
19. (New) A wireless communication terminal according to claim 4, wherein the at least one of said connector pins operating in an identification state is configured to operate in a frequency mode, a pulse width modulation mode and a cover type indication-mode.